III.—*Record of the Occurrence of Earthquakes in Assam*
C. S. I., V. C.,

Date.	District.	Time of Occurrence.
15th February.	Darrang, Mangaldai.	10·45 A. M.
Do.	Kámrúp, Gauháti.	11 A. M.
No reports reached from Goálpára, Nowgong, Lakhimpur,		
23rd do.	Kámrúp, Barpetá.	11·50 P. M.
Do.	Goálpára, Goálpára.	12·8 P. M.
No reports reached from Gauháti, Darrang, Nowgong, Sibságar,		
28th do.	Goálpára, Goálpára.	10 P. M.
Do.	Gáro Hills, Túrá.	11·40 P. M.
No reports reached from Kámrúp, Darrang, Nowgong,		
March		
15th March.	Khási Hills, Shillong.	3·33 P. M.
No reports reached from Goálpára, Kámrúp, Darrang, Nowgong,		
20th do.	Khási Hills, Shillong.	5 A. M.
No reports reached from Goálpára, Kámrúp, Darrang, Nowgong,		
April		
29th April.	Khási Hills, Shillong.	10 P. M.
No reports received from Goálpára, Kámrúp, Darrang, Nowgong,		
May		
11th May.	Kámrúp, Gauháti.	9 P. M.
Do.	Khási Hills, Shillong.	9·10 P. M.
Do.	Darrang, Tezpur.	9·15 P. M.
Do.	Nowgong, Nowgong.	9·30 P. M.
No reports received from Goálpára, Sibságar, Lakhimpur,		
17th May.	Khási Hills, Shillong.	10·10 P. M.
Do.	Darrang, Tezpur.	10·35 P. M.

during 1877. *Communicated by* COL. R. H. KEATINGE, *Chief Commissioner.*

Duration.	Extent of damage if any, and general remarks.
20 to 25 seconds.	No damage, two distinct shocks and preceded by loud rumbling noise.
A second.	No damage.
Sibságar, Sylhet, Cachár, Nága Hills, Gáro and Khási Hills.	
4 seconds.	No damage.
7 seconds.	Do.
Lakhimpur, Sylhet, Cachár, Nága Hills, Gáro and Khási Hills.	
3 seconds.	No damage. Slight shock.
30 seconds.	Do. do.
Sibságar, Lakhimpur, Sylhet, Cachár, Nága and Khási Hills.	
1877.	
10 seconds.	No damage.
Sibságar, Lakhimpur, Sylhet, Cachár, Nága Hills, and Gáro Hills.	
5 seconds.	No damage.
Sibságar, Lakhimpur, Sylhet, Cachár, Nága and Gáro Hills.	
1877.	
3 seconds.	No damage.
Sibságar, Lakhimpur, Sylhet, Cachár, Nága Hills and Gáro Hills.	
1877.	
12 seconds.	No damage.
45 seconds.	No damage.
10 to 12 seconds.	Two distinct shocks. Severe and very marked. No damage. Declared by Deputy Commissioner to be the severest felt since the great one in September 1875. The shocks were not preceded by the usual rumbling noise and were not quick and jerky, but long and undulating.
5 seconds.	No damage. One sharp shock.
Sylhet, Cachár, Nága Hills and Gáro Hills.	
30 seconds.	No damage.
6 to 8 seconds.	No damage. Two clear distinct shocks at intervals of 3 to 4 seconds between the two shocks. Very marked, but not severe; not preceded by the usual rumbling noise.

Date.	District.	Time of Occurrence.
	No reports received from Goálpára, Kámrúp, Nowgong, Sibságar,	
		June
4th June.	Nága Hills, Sámagúting.	3·30 P. M.
	No reports received from Goálpára, Kámrúp, Darrang, Nowgong,	
7th do.	Khási Hills, Shillong.	12·24 P. M.
Do.	Goálpára, Goálpára.	12·25 P. M.
Do.	Kámrúp, Barpetá.	12·25·5 S. P. M.
Do.	Kámrúp, Gauháti.	12·30 P. M.
	Ascertained that the shock was not felt in Darrang, Nowgong,	
		July
9th July.	Khási Hills, Shillong.	1·15 A. M.
		Ascertained that the shock was
10th July.	Kámrúp, Gauháti.	1 A. M.
		Ascertained that the shock was
		August
3rd August.	Darrang, Tezpur.	12·30 P. M.
Do.	Nowgong, Nowgong.	2 P. M.
	No reports received from Goálpára, Kámrúp, Sibságar,	
		August
6th August.	Khási Hills, Shillong.	9·30 P. M.
Do.	Nowgong, Nowgong.	9·30 P. M.
Do.	Darrang, Tezpur.	10·30 P. M.
	Ascertained that the shock was not felt in Goálpára, Kámrúp,	
17th do.	Khási Hills, Shillong.	1 A. M.
Do.	Darrang, Tezpur.	1·30 A. M.
	Ascertained that the shock was not felt in Goálpára, Kámrúp,	
21st do.	Goálpára, Dhúbri.	5·50 P. M.
Do.	Gáro Hills, Túrá.	5·37 P. M.
	No reports received from Kámrúp, Darrang, Nowgong, Sibságar,	
22nd do.	Khási Hills.	4 P. M.
		No reports received
25th do.	Nowgong.	9 P. M.
Do.	Khási Hills, Shillong.	9·30 P. M.
Do.	Darrang, Tezpur.	9·40 P. M.

Duration.	Extent of damage if any, and general remarks.
Lakhimpur, Sylhet, Cachár, Nága Hills and Gáro Hills.	
1877.	
Very short.	Slight and unaccompanied by noise.
Sibságar, Lakhimpur, Sylhet, Cachár, Gáro Hills and Khási Hills.	
5 seconds.	No damage.
1½ minutes.	Slight shock. No damage.
5 seconds.	No damage.
5 seconds.	Smart shock no damage.
Sibságar, Lakhimpur, Sylhet, Cachár, Nága and Gáro Hills.	
1877.	
3 seconds.	No damage.
not felt in any other district.	
Very short.	Slight. No damage.
not felt in any other district.	
1877.	
6 to 8 seconds.	Slight, no damage, preceded by usual rumbling noise.
2 seconds.	Slight. No damage.
Lakhimpur, Sylhet, Cachár, Nága, Gáro and Khási Hills.	
1877,—(continued).	
5 seconds.	No damage.
2 seconds.	No damage.
A few seconds.	Distinct shock. No. damage.
Sibságar, Lakhimpur, Sylhet, Cachár, Nága and Gáro Hills.	
5 seeonds.	No damage.
A few seconds.	Slight. No damage.
Nowgong, Sibságar, Lakhimpur, Sylhet, Cachár, Nága and Gáro Hills.	
4 seconds.	Slight. No damage.
2 seconds.	Slight. No damage.
Lakhimpur, Sylhet, Cachár, Nága and Khási Hills.	
2 seconds.	No damage.
from other districts.	
2 seconds.	Slight. No damage.
3 seconds.	No damage.
8 to 10 seconds.	No damage. Shock, clear, distinct and marked.

Date.	District.	Time of Occurrence.

No reports received from Goálpára, Kámrúp, Sibságar,

30th August	Sibságar, Jorhát.	3·30 A. M.

No reports received from Goálpára, Kámrúp, Darrang, Nowgong,

September

1st September.	Khási Hills, Shillong.	5·30 A. M.
Do.	Cachár.	5·45 A. M.
10th do.	Kámrúp, Gauháti.	11 P. M.
Do.	Nowgong.	11 A. M.
Do.	Darrang, Tezpur.	11·15 A. M.
16th do.	Sibságar, Jorhát.	7 A. M.
Do.	Sibságar, Sibságar.	7 A. M.
18th do.	Nowgong, Nowgong.	10 A. M.
Do.	Darrang, Tezpur.	10·30 A. M.

Ascertained that the shocks were not felt at Goálpára, Lakhimpur,

October

7th October.	Khási Hills, Shillong.	5·30 A. M.
13th do.	Do.	6·45 A. M.
30th do.	Darrang, Tezpur.	11·30 P. M.

November

Nil.

December

1st December.	Darrang, Tezpur.	6·10 A. M.

Ascertained that this shock was

7th do.	Sibságar Jorhát.	12 P. M.
Do.	Goálpára, Goálpára.	1·25 A. M.
Do.	Nowgong, Nowgong.	1·30 A. M.
Do.	Darrang, Tezpur.	1·30 A. M.
Do.	Sibságar, Sibságar.	About 2 A. M.
Do.	Gauháti, (Kámrúp).	Do.

Duration.	Extent of damage if any, and general remarks.
Nowgong, Lakhimpur, Sylhet, Cachár, Nágá and Gáro Hills.	
About 5 seconds.	No damage. Slight trembling shock.
Lakhimpur, Sylhet, Cachár, Nágá, Khási and Gáro Hills.	
1877.	
5 seconds.	No damage.
7 seconds.	Slight shock.
1 min. 10 sec.	No damage.
2 seconds.	Very slight shock. No damage.
8 to 10 seconds.	Sudden and distinct shock not preceded by usual rumbling noise. No damage.
2 seconds.	No damage. The sensation was as of one shock upwards.
Less than a sec.	Nil.
10 seconds.	No damage. One sharp shock preceded by a heavy rumbling noise.
8 to 12 seconds.	Slight shock, but the usual rumbling noise was loud and long.
Sylhet, Nágá and Gáro Hills on the 10th, 16th and 18th.	
1877.	
10 seconds.	No damage.
15 seconds.	No damage.
20 to 25 seconds.	No damage. Sharp shock.
1877.	
1877.	
A few secs. only.	Two distinct but slight shocks. No damage.
not felt in any other district.	
(?)	No damage.
5 seconds.	Slight shock.
4 seconds.	Do. No damage done.
A full 20 seconds.	Very severe, about half a dozen distinct shocks, the second one very strong and caused much damage. South wall of kutcherry cracked and broken down. Northern walls cracked. Treasury walls cracked in several places. Circuit bungalow walls much cracked. Jail uninjured. Deputy Commissioner's bungalow on the hill suffered most, chimney fell in, causing loss of valuable property.
Less than a sec.	Nil.
5 seconds.	A slight shock accompanied by the usual rumbling noise. No damage.

Date.	District.	Time of Occurrence.
7th December.	Barpetá, (Kámrúp).	2·10 A. M.
Do.	Khási Hills, Shillong.	2 A. M.
Do.	N. Lakhimpur.	2·35 A. M.

Ascertained that this shock was not felt in Cachár,

9th December.	Darrang, Tezpur.	12·30 P. M.
		3 P. M.
		8·50 P. M.
Do.	Khási Hills, Shillong.	1·45 A. M.

Ascertained that this shock was not felt at Goálpára, Kámrúp,

11th December.	Darrang, Tezpur.	11·30 P. M.
Do.	Nowgong, Nowgong.	1 A. M.

Ascertained that the shock was not felt in Goálpára, Kámrúp,

18th December.	Kámrúp, Gauháti.	3·35 P. M.
Do.	Darrang, Tezpur.	3·45 P. M.
		4·20 P. M.
		5·15 P. M.
Do.	Khási Hills, Shillong.	3·47 P. M.
Do.	Nowgong, Nowgong.	3·50 P. M.

Ascertained that the shock was not felt in Goálpára, Sibságar,

22nd December.	Darrang, Tezpur.	4 A. M.
Do.	Khási Hills, Shillong.	10·30 P. M.

Ascertained that the shock was not felt in Goálpára, Kámrúp, Nowgong,

29th December.	Khási Hills, Shillong.	9 P. M.
Do.	Cachár, Silchár.	10 P. M.
Do.	Goálpára, Goálpára.	11 P. M.

Ascertained that the shock was not felt in Kámrúp, Darrang,

Duration.	Extent of damage, if any, and general remarks.
Not stated.	Nil.
10 seconds.	No damage done.
2 seconds.	Treasury room cracked in several places. No serious damage.

Sylhet, Gáro and Nágá Hills and Head Quarters Lakhimpur.

8 to 10 seconds.	The first two shocks very distinct. No damage. The third shock was very smart, and the rumble and shock came almost together. No damage.
A few seconds.	
8 seconds.	
5 seconds.	No damage.

Nowgong, Sibságar, Lakhimpur, Sylhet, Cachár, Nágá and Gáro Hills.

10 seconds.	Smart shock. No damage.
3 seconds.	Very slight. No damage.

Sibságar, Lakhimpur, Sylhet, Cachár, Nágá, Gáro and Khási Hills.

5 seconds.	Slight. No damage.
10 seconds.	1st, very distinct with loud rumbling. No damage.
A few seconds.	2nd, slight rumbling, distinct, but no shock.
15 to 20 seconds.	3rd, loud continued rumbling, no shock.
5 seconds.	No damage.
2 seconds.	Sharp shock, no damage.

Lakhimpur, Sylhet, Cachár, Nágá and Gáro Hills.

8 to 10 seconds.	Distinct shock with loud rumbling. No damage.
5 seconds.	No damage.

Sibságar, Lakhimpur, Sylhet, Cachár, Nágá and Gáro Hills.

5 seconds.	No damage.
2 seconds.	Very slight.
5 seconds.	Slight shock.

Nowgong, Sibságar, Lakhimpur, Sylhet, Nágá and Gáro Hills.